



Windows PowerShell Get-Help on Cmdlet 'Set-AzEventHub'

PS:\>Get-HELP Set-AzEventHub -Full

NAME

Set-AzEventHub

SYNOPSIS

Updates an EventHub Entity

SYNTAX

```
Set-AzEventHub -Name <String> -NamespaceName <String> -ResourceGroupName <String> [-SubscriptionId <String>]
[-CaptureEnabled] [-Encoding <String>]
[-IntervalInSeconds <Int32>] [-SizeLimitInBytes <Int32>] [-SkipEmptyArchive] [-RetentionTimeInHour <Int64>]
[-TombstoneRetentionTimeInHour <Int32>] [-Status <String>]
[-DestinationName <String>] [-IdentityType <String>] [-UserAssignedIdentityId <String>] [-PartitionCount <Int64>]
[-StorageAccountResourceId <String>]
[-ArchiveNameFormat <String>] [-BlobContainer <String>] [-DefaultProfile <PSObject>] [-AsJob] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf]
[-Confirm] [<CommonParameters>]
```

Set-AzEventHub -InputObject <IEventHubIdentity> [-CaptureEnabled] [-Encoding <String>] [-IntervalInSeconds <Int32>]

[-SizeLimitInBytes <Int32>] [-SkipEmptyArchive]

[-RetentionTimeInHour <Int64>] [-TombstoneRetentionTimeInHour <Int32>] [-Status <String>] [-DestinationName <String>] [-IdentityType <String>]

[-UserAssignedIdentityId <String>] [-PartitionCount <Int64>] [-StorageAccountResourceId <String>]

[-ArchiveNameFormat <String>] [-BlobContainer <String>]

[-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>]

[-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Updates an EventHub Entity

PARAMETERS

-Name <String>

The name of EventHub Entity.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NamespaceName <String>

The name of EventHub namespace.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-InputObject <IEventHubIdentity>

Identity parameter.

To construct, see NOTES section for INPUTOBJECT properties and create a hash table.

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

Accept wildcard characters? false

-CaptureEnabled [<SwitchParameter>]

A value that indicates whether capture description is enabled.

Required? false

Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Encoding <String>

Enumerates the possible values for the encoding format of capture description.
Note: 'AvroDeflate' will be deprecated in New API Version

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-IntervalInSeconds <Int32>

The time window allows you to set the frequency with which the capture to Azure Blobs will happen, value should be between 60 to 900 seconds

Required? false
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-SizeLimitInBytes <Int32>

The size window defines the amount of data built up in your Event Hub before an capture operation, value should be between 10485760 to 524288000 bytes

Required? false
Position? named
Default value 0
Accept pipeline input? false

Accept wildcard characters? false

-SkipEmptyArchive [<SwitchParameter>]

A value that indicates whether to Skip Empty Archives

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-RetentionTimeInHour <Int64>

Number of hours to retain the events for this Event Hub.

This value is only used when cleanupPolicy is Delete.

If cleanupPolicy is Compaction the returned value of this property is Long.MaxValue

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-TombstoneRetentionTimeInHour <Int32>

Number of hours to retain the tombstone markers of a compacted Event Hub.

This value is only used when cleanupPolicy is Compaction.

Consumer must complete reading the tombstone marker within this specified amount of time if consumer begins from starting offset to ensure they get a valid

snapshot for the specific key described by the tombstone marker within the compacted Event Hub

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-Status <String>

Enumerates the possible values for the status of the Event Hub.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DestinationName <String>

Name for capture destination

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IdentityType <String>

Type of managed service identity.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-UserAssignedIdentityId <String>

Properties for User Assigned Identities

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PartitionCount <Int64>

Number of partitions created for the Event Hub.

allowed values are from 1 to 32 partitions.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-StorageAccountResourceId <String>

Resource id of the storage account to be used to create the blobs

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ArchiveNameFormat <String>

Blob naming convention for archive, e.g.

{Namespace}/{EventHub}/{PartitionId}/{Year}/{Month}/{Day}/{Hour}/{Minute}/{Second}.

Here all the parameters (Namespace,EventHub ..

etc) are mandatory irrespective of order

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-BlobContainer <String>

Blob container Name

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-NoWait [<SwitchParameter>]

Run the command asynchronously

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

INPUTS

Microsoft.Azure.PowerShell.Cmdlets.EventHub.Models.IEventHubIdentity

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.EventHub.Models.IEventhub

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help about_Hash_Tables.

INPUTOBJECT <IEventHubIdentity>: Identity parameter. To construct, see NOTES section for INPUTOBJECT properties and create a hash table.

[Alias <String>]: The Disaster Recovery configuration name

[ApplicationGroupName <String>]: The Application Group name

[AuthorizationRuleName <String>]: The authorization rule name.

[ClusterName <String>]: The name of the Event Hubs Cluster.

[ConsumerGroupName <String>]: The consumer group name

[EventHubName <String>]: The Event Hub name

[Id <String>]: Resource identity path

[NamespaceName <String>]: The Namespace name

[PrivateEndpointConnectionName <String>]: The PrivateEndpointConnection name

[ResourceAssociationName <String>]: The ResourceAssociation Name

[ResourceGroupName <String>]: Name of the resource group within the azure subscription.

[SchemaGroupName <String>]: The Schema Group name

[SubscriptionId <String>]: Subscription credentials that uniquely identify a Microsoft Azure subscription. The subscription ID forms part of the URI for every service call.

----- EXAMPLE 1 -----

```
PS C:\>Set-AzEventHub -Name myEventHub -ResourceGroupName myResourceGroup -NamespaceName myNamespace -ArchiveNameFormat
```

```
"{Namespace}/{EventHub}/{PartitionId}/{Year}/{Month}/{Day}/{Hour}/{Minute}/{Second}" -BlobContainer container -CaptureEnabled -DestinationName
```

```
EventHubArchive.AzureBlockBlob -Encoding Avro -IntervalInSeconds 600 -SizeLimitInBytes 11000000 -SkipEmptyArchive -StorageAccountResourceId
```

```
"/subscriptions/subscriptionId/resourceGroups/myResourceGroup/providers/Microsoft.Storage/storageAccounts/myStorageAccount"
```

----- EXAMPLE 2 -----

```
PS C:\>$eventhub = Get-AzEventHub -Name myEventHub -ResourceGroupName myResourceGroup -NamespaceName  
myNamespace
```

```
Set-AzEventHub -InputObject $eventhub -RetentionTimeInHour 72
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.eventhub/set-azeventhub>